

SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>APPARATUS AND METHOD TO ENABLE TRANSPARENT</u> MEMORY HOT PLUG/REMOVE.

The specification of which was filed on <u>December 29, 2003</u> as application serial no. <u>10/749929</u>.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Aldava Alaa	Dec. No. 21 005	Greenwald, Bradley A.	Reg. No. 34,341	Pedersen-Giles, Alan	Reg. No. 39,996
Aldous, Alan	Reg. No. 31,905 Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	Perdok Shonka, Monique M.	Reg. No. 42,989
Anderson, Robert D.	Reg. No. 24,916	Hope, Libby	Reg. No. 46,774	Peret, Andrew R.	Reg. No. 41,246
Anglin, J. Michael	Reg. No. 42,267	Houston, Bruce E.	Reg. No. 55,280	Peterson, David C.	Reg. No. 47,857
Arora, Suneel	Reg. No. 40,494	Huter, Jeffrey B.	Reg. No. 41,086	Plimier, Michael D.	Reg. No. 43,004
Bacon, Shireen	•	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Price, Lucinda G.	Reg. No. 42,270
Barre, Michael	Reg. No. 44,023	Jordan, B. D.	Reg. No. 43,698	Proksch, Michael A.	Reg. No. 43,021
Beale, Jay P.	Reg. No. 50,901	Jurkovich, Patti J.	Reg. No. 44,813	Prout, William F.	Reg. No. 33,995
Beekman, Marvin L.	Reg. No. 38,377	•	Reg. No. 37,650	Reif, Kevin A.	Reg. No. 36,381
Bianchi, Timothy E.	Reg. No. 39,610	Kalis, Janal M.		Sayles, Crystal D.	Reg. No. 44,318
Billion, Richard E.	Reg. No. 32,836	Kalson, Seth	Reg. No. 40,670		Reg. No. 39,422
Black, David W.	Reg. No. 42,331	Klima-Silberg, Catherine I.	Reg. No. 40,052	Schumm, Sherry W.	
Bohanek, Robert	Reg. No. 52,627	Kluth, Daniel J.	Reg. No. 32,146	Schwegman, Micheal L.	Reg. No. 25,816
Brake, Edward	Reg. No. 37,784	Lacy, Rodney L.	Reg. No. 41,136	Scott, Russell	Reg. No. 43,103
Brennan, Thomas F.	Reg. No. 35,075	Lam, Peter	Reg. No. 44,855	Seddon, Ken	Reg. No. 43,105
Burge, Ben	Reg. No. 42,372	Lin, Issac	Reg. No. 50,672	Seeley, Mark	Reg. No. 32,299
Chadwick, Robin A.	Reg. No. 36,477	Lundberg, Steven W.	Reg. No. 30,568	Shah, Ami P.	Reg. No. 42,143
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Cochran, David R.	Reg. No. 46,632	McCall, Molly	Reg. No. 46,126	Steiner, Paul E.	Reg. No. 41,326
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Diehl, Robert	Reg. No. 40,992	Muller, Mark V.	Reg. No. 37,509	Travis, John F.	Reg. No. 43,203
Draeger, Jeffrey S.	Reg. No. 41,000	Nagy, Paul	Reg. No. 37,896	Tweet, Kerry D.	. Reg. No. 45,959
Drake, Eduardo E.	Reg. No. 40,594	Nelson, A. James	Reg. No. 28,650	Wawrzyn, Robert	Reg. No. 54,654
Embretson, Janet E.	Reg. No. 39,665	Nesheiwat, Michael J.	Reg. No. 47,819	Wells, Calvin	Reg. No. 43,256
Faatz, Cindy	Reg. No. 39,973	Newtson, Ruth H.	Reg. No. 26,657	Whittington, Stuart	Reg. No. 45,215
Forrest, Bradley-A	Reg. No. 30,837	Nicholls, Dennis A.	Reg. No. 42,036	Willardson, Michael	Reg. No. 50,856
Gagne, Christopher	Reg. No. 36,142	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
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Greenberg, Robert A.	Reg. No. 44,133	Peacock, Gregg A.	Reg. No. 45,001	-	
			•		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402

Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1:

Lily Pao Looi

Citizenship:

United States of America

Residence: Portland, OR

Post Office Address:

15134 NW Mitchell Street

Portland, OR 97229

Signature:

Lily Pan Loni

Date: 5/3/04

Il Name of joint inventor number 2: Stanley Steven Kulick izenship: United States of America st Office Address: 20385 NW Quail Hollow Drive Portland, OR 97229		Residence: Portland, OR	
Signature:	tanley Steven Kulick	Date:	
Č			
	number 3: Dean A Mulla	D 11	
Citizenship: Post Office Address:	United States of America 18690 Westview Drive Saratoga, CA 95070	Residence: Saratoga, CA	
Signature:	Dean A Mulla	Date:	
	Dean A Mulla		
Full Name of joint inventor Citizenship:	number 4 : <u>Ashish Gupta</u> India	Residence: San Jose, CA	
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Signature:	Ashish Gupta	Date:	
A	Ashish Gupta		
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Citizenship: Post.Office Address:	United States of America 676 Dorothy Avenue San Jose, CA 95125	Residence: San Jose, CA	
Signature:		Date:	
k	Ceith R. Pflederer		
			
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	· · · · · · · · · · · · · · · · · · ·	Date:	
S	Shivnandan D. Kaushik		

Full Name of joint inventor number 7: Mohan J. Kumar Residence: Aloha, OR Citizenship: India Post Office Address: 18680 SW Marko Lane Aloha, OR 97007 Date: Signature: Mohan J. Kumar Full Name of joint inventor number 8: James B. Crossland Citizenship: **United States of America** Residence: Banks, OR Post Office Address: 16744 NW Davidson Rd. Banks, OR 97106 Date: Signature: James B. Crossland

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



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Attorney Docket No.884.A82US1

SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

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Page 2 of S

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Telephone No. (612)373-6900

Full Name of joint inventor n	umber 1 : <u>Lity Pao Looi</u>		
Citizenship:	United States of America	Residence: Portland, OR	
Post Office Address:	15134 NW Mitchell Street Portland, OR 97229		
Signature:		Date:	
Li	ly Pao Looi		

Attorney Docket No.: 884.A82US1 Serial No. 10/749929

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Page 3 of 5

Filing Date: December 29, 2003 Full Name of joint inventor number 2: Stanley Steven Kulick Residence: Portland, OR United States of America Citizenship: 20385 NW Quail Hollow Drive Post Office Address: Portland, OR 97229 Date: 6/1/2004 Kuleck Stanley Steven Kulick Full Name of joint inventor number 3: Dean A Mulla Residence: Saratoga, CA United States of America Citizenship: 18690 Westview Drive Post Office Address: Saratoga, CA 95070 Date: Signature: _ Dean A Mulla Ashish Gupta Full Name of joint inventor number 4: Residence: San Jose, CA Citizenship: 5637 Ora Street Post Office Address: San Jose, CA 95129 Date: Signature: ___ Ashish Gupta Full Name of joint inventor number 5: Keith R. Pflederer Residence: San Jose, CA Citizenship: United States of America Post Office Address: 676 Dorothy Avenue San Jose, CA 95125 Date: _ Signature: _ Keith R. Pflederer Full Name of joint inventor number 6: Shivnandan D. Kaushik Residence: Portland, OR Citizenship: India 14161 NW Harbor Lane Post Office Address: Portland, OR 97229 Date: Signature: _ Shivnandan D. Kaushik

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Page 4 of 5

Attorney Docket No.: 884.A82US1 Serial No. 10/749929 Filing Date: December 29, 2003 Mohan J. Kumar Full Name of joint inventor number 7: Residence: Aloha, OR Citizenship: Post Office Address: 18680 SW Marko Lane Aloha, OR 97007 Date: Mohan J. Kumar James B. Crossland Full Name of joint inventor number 8: United States of America Residence: Banks, OR Citizenship: 16744 NW Davidson Rd. Post Office Address: Banks, OR 97106 Date: Signature: _ James B. Crossland

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Page 5 of 5

- § 1.56 Duty to disclose information material to patentability.
- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration ned not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



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United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

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I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Aller Alm	Don No. 21 005	Greenwald, Bradley A.	Reg. No. 34,341	Pedersen-Giles, Alan	Reg. No. 39,996
Aldous, Alan	Reg. No. 31,905 Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	Perdok Shonka, Monique M.	Reg. No. 42,989
Anderson, Robert D.		•	Reg. No. 46,774	Peret, Andrew R.	Reg. No. 41,246
Anglin, J. Michael	Reg. No. 24,916	Hope, Libby	Reg. No. 55,280	Peterson, David C.	Reg. No. 47,857
Arora, Suneel	Reg. No. 42,267	Houston, Bruce E.		Plimier, Michael D.	Reg. No. 43,004
Bacon, Shireen	Reg. No. 40,494	Huter, Jeffrey B.	Reg. No. 41,086	Price, Lucinda G.	Reg. No. 42,270
Barre, Michael	Reg. No. 44,023	Jackson Huebsch, Katharine A.	Reg. No. 47,670		Reg. No. 42,270
Beale, Jay P.	Reg. No. 50,901	Jordan, B. D.	Reg. No. 43,698	Proksch, Michael A.	
Beekman, Marvin L.	Reg. No. 38,377	Jurkovich, Patti J.	Reg. No. 44,813	Prout, William F.	Reg. No. 33,995
Bianchi, Timothy E.	Reg. No. 39,610	Kalis, Janal M.	Reg. No. 37,650	Reif, Kevin A.	Reg. No. 36,381
Billion, Richard E.	Reg. No. 32,836	Kalson, Seth	Reg. No. 40,670	Sayles, Crystal D.	Reg. No. 44,318
Black, David W.	Reg. No. 42,331	Klima-Silberg, Catherine I.	Reg. No. 40,052	Schumm, Sherry W.	Reg. No. 39,422
Bohanek, Robert	Reg. No. 52,627	Kluth, Daniel J.	Reg. No. 32,146	Schwegman, Micheal L.	Reg. No. 25,816
Brake, Edward	Reg. No. 37,784	Lacy, Rodney L.	Reg. No. 41,136	Scott, Russell	Reg. No. 43,103
Brennan, Thomas F.	Reg. No. 35,075	Lam, Peter	Reg. No. 44,855	Seddon, Ken	Reg. No. 43,105
Burge, Ben	Reg. No. 42,372	Lin, Issac	Reg. No. 50,672	Seeley, Mark	Reg. No. 32,299
Chadwick, Robin A.	Reg. No. 36,477	Lundberg, Steven W.	Reg. No. 30,568	Shah, Ami P.	Reg. No. 42,143
Chen, George	Reg. No. 50,807	Maki, Peter C.	Reg. No. 42,832	Simon, David	Reg. No. 32,756
Choi, Glen	Reg. No. 43,546	Malen, Peter L.	Reg. No. 44,894	Skabrat, Steve	Reg. No. 36,279
Clark, Barbara J.	Reg. No. 38,107	Martinez, Anthony	Reg. No. 44,223	Speier, Gary J.	Reg. No. 45,458
Clise, Timothy B.	Reg. No. 40,957	Mates, Robert E.	Reg. No. 35,271	Steffey, Charles E.	Reg. No. 25,179
Cochran, David R.	Reg. No. 46,632	McCall, Molly	Reg. No. 46,126	Steiner, Paul E.	Reg. No. 41,326
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Crawford, Ted A.	Reg. No. 50,610	Mehrle, Joseph P.	Reg. No. 45,535	Tang, Zhengnian	Reg. No. 55,666
Dahl, John M.	Reg. No. 44,639	Mennemeier, Larry	Reg. No. 51,003.	Tong, Viet V.	. Reg. No. 45,416
DeLizio, Andrew	Reg. No. 52,806	Morris, Nicole N.	Reg. No. 55,467	Tran, David	`Reg. No. 50,804
Diehl, Robert	Reg. No. 40,992	Muller, Mark V.	Reg. No. 37,509	Travis, John F.	Reg. No. 43,203
Draeger, Jeffrey S.	Reg. No. 41,000	Nagy, Paul	Reg. No. 37,896	Tweet, Kerry D.	Reg. No. 45,959
Drake, Eduardo E.	Reg. No. 40,594	Nelson, A. James	Reg. No. 28,650	Wawrzyn, Robert	Reg. No. 54,654
Embretson, Janet'E.	Reg. No. 39,665	Nesheiwat, Michael J.	Reg. No. 47,819	Wells, Calvin	Reg. No. 43,256
Faatz, Cindy	Reg. No. 39,973	Newtson, Ruth H.	Reg. No. 26,657	Whittington, Stuart	Reg. No. 45,215
Forrest, Bradley A.	Reg. No. 30,837	Nicholls, Dennis A.	Reg. No. 42,036	Willardson, Michael	Reg. No. 50,856
Gagne, Christopher	Reg. No. 36,142	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
Garrett, John R.	Reg. No. 27,888	Obermark, Thomas C.	Reg. No. 55,506	Wisor, Rita	Reg. No. 41,382
Gorrie, Gregory J.	Reg. No. 36,530	Padys, Danny J.	Reg. No. 35,635	Woessner, Warren D.	Reg. No. 30,440
Greaves, John N.	Reg. No. 40,362	Parker, Lanny	Reg. No. 44,281	Wong, Sharon	Reg. No. 37,760
Green, Sharmini N.	Reg. No. 41,410	Parker, J. K.	Reg. No. 33,024	Yates, Steven D.	Reg. No. 42,242
Greenberg, Robert A.	Reg. No. 44,133	Peacock, Gregg A.	Reg. No. 45,001	•	••
			0		*L *

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402

Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor	number 1 : <u>Lily Pao Looi</u>		
Citizenship:	United States of America	Residence: Portland, OR	
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,	Portland, OR 97229		
Signature:		Date:	
	Lily Pao Looi		

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Signature:		Date:	
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Signature:		Date:	
Dea	an A Mulla		
Full Name of joint inventor nu Citizenship: Post Office Address:	ımber 4 : <u>Ashish Gupta</u> India 5637 Ora Street	Residence: San Jose, CA	
Signature:	San Jose, CA 95129	Date: 5/27/2004	12
Asi	hish Gupta		
	<u> </u>		
			٠.
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Signature:		Date:	
Ke	ith R. Pflederer		
Full Name of joint inventor nu Citizenship: Post Office Address:	India 14161 NW Harbor Lane Portland, OR 97229	Residence: Portland, OR	
Signature:		Date:	
Shi	ivnandan D. Kaushik		

Full Name of joint inventor in Citizenship:	number 7 : <u>Mohan J. Kumar</u> India	Residence: Aloha, OR	
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	Iohan J. Kumar	Date:	
Full Name of joint inventor		4	
Citizenship: Post Office Address:	United States of America 16744 NW Davidson Rd. Banks, OR 97106	Residence: Banks, OR	
Signature:		Date:	
Ja	ames B. Crossland		

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>APPARATUS AND METHOD TO ENABLE TRANSPARENT MEMORY HOT PLUG/REMOVE</u>.

The specification of which was filed on <u>December 29, 2003</u> as application serial no. <u>10/749929</u>.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Filing Date: December 29, 2003

Signature: _

Lily Pao Looi

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

	D 31 21 000		D N 24 241	Dadaman Ciles Alen	Pag No 20 006
Aldous, Alan	Reg. No. 31,905	Greenwald, Bradley A.	Reg. No. 34,341	Pedersen-Giles, Alan Perdok Shonka, Monique M.	Reg. No. 39,996 Reg. No. 42,989
Anderson, Robert D.	Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	•	Reg. No. 41,246
Anglin, J. Michael	Reg. No. 24,916	Hope, Libby	Reg. No. 46,774	Peret, Andrew R.	Reg. No. 47,857
Arora, Suneel	Reg. No. 42,267	Houston, Bruce E.	Reg. No. 55,280	Peterson, David C.	
Bacon, Shireen	Reg. No. 40,494	Huter, Jeffrey B.	Reg. No. 41,086	Plimier, Michael D.	Reg. No. 43,004
Barre, Michael	Reg. No. 44,023	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Price, Lucinda G.	Reg. No. 42,270
Beale, Jay P.	Reg. No. 50,901	Jordan, B. D.	Reg. No. 43,698	Proksch, Michael A.	Reg. No. 43,021
Beekman, Marvin L.	Reg. No. 38,377	Jurkovich, Patti J.	Reg. No. 44,813	Prout, William F.	Reg. No. 33,995
Bianchi, Timothy E.	Reg. No. 39,610	Kalis, Janal M.	Reg. No. 37,650	Reif, Kevin A.	Reg. No. 36,381
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Bohanek, Robert	Reg. No. 52,627	Kluth, Daniel J.	Reg. No. 32,146	Schwegman, Micheal L.	Reg. No. 25,816
Brake, Edward	Reg. No. 37,784	Lacy, Rodney L.	Reg. No. 41,136	Scott, Russell	Reg. No. 43,103
Brennan, Thomas F.	Reg. No. 35,075	Lam, Peter	Reg. No. 44,855	Seddon, Ken	Reg. No. 43,105
Burge, Ben	Reg. No. 42,372	Lin, Issac	Reg. No. 50,672	Seeley, Mark	Reg. No. 32,299
Chadwick, Robin A.	Reg. No. 36,477	Lundberg, Steven W.	Reg. No. 30,568	Shah, Ami P.	Reg. No. 42,143
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Choi, Glen	Reg. No. 43,546	Malen, Peter L.	Reg. No. 44,894	Skabrat, Steve	Reg. No. 36,279
Clark, Barbara J.	Reg. No. 38,107	Martinez, Anthony	Reg. No. 44,223	Speier, Gary J.	Reg. No. 45,458
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Cool, Kenneth J	Reg. No. 40,570	McCrackin, Ann M.	Reg. No. 42,858	Stutman-Horn, Joni D.	Reg. No. 42,173
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Dahl, John M.	Reg. No. 44,639	Mennemeier, Larry	Reg. No. 51,003	Tong, Viet V.	. Reg. No. 45,416
DeLizio, Andrew	Reg. No. 52,806	Morris, Nicole N.	Reg. No. 55,467	Tran, David	Reg. No. 50,804
Diehl, Robert	Reg. No. 40,992	Muller, Mark V.	Reg. No. 37,509	Travis, John F.	Reg. No. 43,203
Draeger, Jeffrey S.	Reg. No. 41,000	Nagy, Paul	Reg. No. 37,896	Tweet, Kerry D.	Reg. No. 45,959
Drake, Eduardo E.	Reg. No. 40,594	Nelson, A. James	Reg. No. 28,650	Wawrzyn, Robert	Reg. No. 54,654
Embretson, Janet E.	Reg. No. 39,665	Nesheiwat, Michael J.	Reg. No. 47,819	Wells, Calvin	Reg. No. 43,256
Faatz, Cindy	Reg. No. 39,973	Newtson, Ruth H.	Reg. No. 26,657	Whittington, Stuart	Reg. No. 45,215
Forrest, Bradley, A.	Reg. No. 30,837	Nicholls, Dennis A.	Reg. No. 42,036	Willardson, Michael	Reg. No. 50,856
Gagne, Christopher	Reg. No. 36,142	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
Garrett, John R.	Reg. No. 27,888	Obermark, Thomas C.	Reg. No. 55,506	Wisor, Rita	", Reg. No. 41,382
Gorrie, Gregory J.	Reg. No. 36,530	Padys, Danny J.	Reg. No. 35,635	Woessner, Warren D.	Reg. No. 30,440
Greaves, John N.	Reg. No. 40,362	Parker, Lanny	Reg. No. 44,281	Wong, Sharon	Reg. No. 37,760
Green, Sharmini N.	Reg. No. 41,410	Parker, J. K.	Reg. No. 33,024	Yates, Steven D.	Reg. No. 42,242
•		Peacock, Gregg A.	Reg. No. 45,001	rates, steren D.	
Greenberg, Robert A.	Reg. No. 44,133	reacock, Glegg A.	Neg. 140. 43,001		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below: P.O. Box 2938, Minneapolis, MN 55402 Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

7 3 1	• • • • • • • • • • • • • • • • • • • •		
Full Name of joint invento	r number 1: Lily Pao Looi		
Citizenship:	United States of America	Residence: Portland, OR	
Post Office Address:	15134 NW Mitchell Street		
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Date: ____

Full Name of joint inventor n Citizenship: Post Office Address:	umber 2: Stanley Steven Kulick United States of America 20385 NW Quail Hollow Drive Portland, OR 97229	Residence: Portland, OR	
Signature:Sta	anley Steven Kulick	Date:	
Citizenship: Post Office Address: Signature:	umber 3: Dean A Mulla United States of America 18690 Westview Drive Saratoga, CA 95070 A Mulla	Residence: Saratoga , C A Date: $5/27/0^{2}/$	
Citizenship: Post Office Address:	umber 4: Ashish Gupta India 5637 Ora Street San Jose, CA 95129	Residence: San Jose, CA Date:	
	umber 5: <u>Keith R. Pflederer</u> United States of America 676 Dorothy Avenue San Jose, CA 95125	Residence: San Jose, CA	
Signature:Ke	eith R. Pflederer	Date:	
Full Name of joint inventor m Citizenship: Post Office Address:	umber 6: Shivnandan D. Kaushik India 14161 NW Harbor Lane Portland, OR 97229	Residence: Portland, OR	
Signature:		Date:	
	ivnandan D. Kaushik		

Full Name of joint inventor	number 7: Mohan J. Kumar		
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Signature:		Date:	
	Mohan J. Kumar		
Full Name of joint inventor	number 8: James B. Crossland		
Citizenship:	United States of America	Residence: Banks, OR	
Post Office Address:	16744 NW Davidson Rd.		
	Banks, OR 97106		
Signature:		Date:	
	James B. Crossland		

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
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 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>APPARATUS AND METHOD TO ENABLE TRANSPARENT</u> <u>MEMORY HOT PLUG/REMOVE</u>.

The specification of which was filed on <u>December 29, 2003</u> as application serial no. <u>10/749929</u>.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

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I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Signature:

Lily Pao Looi

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

statements may jeopardize tr	ne validity of the application of any pate	nt issued thereon.	
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Signature:		Date:	
	mes B. Crossland		
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§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>APPARATUS AND METHOD TO ENABLE TRANSPARENT</u> MEMORY HOT PLUG/REMOVE.

The specification of which was filed on <u>December 29, 2003</u> as application serial no. <u>10/749929</u>.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Signature:

Lily Pao Looi

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

statements may jeopardize	the variancy of the application of any pate	in issued mercon.	
Full Name of joint inventor	number 1 : <u>Lily Pao Looi</u> United States of America	Residence: Portland, OR	
Citizenship:		Residence. I of traile, OK	
Post Office Address:	15134 NW Mitchell Street		
	Portland, OR 97229		

Date:

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Signature:	Stanley Steven Kulick	Date:	
1	Stanley Steven Kulick		
Full Name of joint inventor	number 3: Dean A Mulla		
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Signature:	D A Mulla	Date:	
	Dean A Mulla		
Full Name of joint inventor Citizenship:	number 4 : <u>Ashish Gupta</u> India	Residence: San Jose, CA	
Post Office Address:	5637 Ora Street San Jose, CA 95129		
Signature:	Ashish Gupta	Date:	
•	Ashish Gupta		
Full Name of joint inventor Citizenship:	number 5: <u>Keith R. Pflederer</u> United States of America	Residence: San Jose, CA	
Post Office Address:	676 Dorothy Avenue San Jose, CA 95125		
Signature:		Date:	
1	Keith R. Pflederer		
Full Name of joint inventor	number 6: Shivnandan D. Kaushik		
Citizenship: Post Office Address:	India 14161 NW Harbor Lane Portland, OR 97229	Residence: Portland, OR	
Signature:	Shivnandan D. Kaushik	Date: 5/3/2009	
•	omvimidan D. Rausink		

Full Name of joint inventor nun Citizenship: Post Office Address:	nber 7 : <u>Mohan J. Kumar</u> India 18680 SW Marko Lane Aloha, OR 97007	Residence: Aloha, OR	
Signature: Moh	an J. Kumar	Date:	
Full Name of joint inventor num Citizenship: Post Office Address: Signature: James	nber 8: James B. Crossland United States of America 16744 NW Davidson Rd. Banks, OR 97106	Residence: Banks, OR Date:	

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **APPARATUS AND METHOD TO ENABLE TRANSPARENT MEMORY HOT PLUG/REMOVE**.

The specification of which was filed on <u>December 29, 2003</u> as application serial no. <u>10/749929</u>.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

	D N 31.005	0 11 0 11 1	Dec No. 24 241	Dadaman Cilas Alam	Pag No. 30 006
Aldous, Alan	Reg. No. 31,905	Greenwald, Bradley A.	Reg. No. 34,341	Pedersen-Giles, Alan	Reg. No. 39,996 Reg. No. 42,989
Anderson, Robert D.	Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	Perdok Shonka, Monique M.	
Anglin, J. Michael	Reg. No. 24,916	Hope, Libby	Reg. No. 46,774	Peret, Andrew R.	Reg. No. 41,246
Arora, Suneel	Reg. No. 42,267	Houston, Bruce E.	Reg. No. 55,280	Peterson, David C.	Reg. No. 47,857
Bacon, Shireen	Reg. No. 40,494	Huter, Jeffrey B.	Reg. No. 41,086	Plimier, Michael D.	Reg. No. 43,004
Barre, Michael	Reg. No. 44,023	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Price, Lucinda G.	Reg. No. 42,270
Beale, Jay P.	Reg. No. 50,901	Jordan, B. D.	Reg. No. 43,698	Proksch, Michael A.	Reg. No. 43,021
Beekman, Marvin L.	Reg. No. 38,377	Jurkovich, Patti J.	Reg. No. 44,813	Prout, William F.	Reg. No. 33,995
Bianchi, Timothy E.	Reg. No. 39,610	Kalis, Janal M.	Reg. No. 37,650	Reif, Kevin A.	Reg. No. 36,381
Billion, Richard E.	Reg. No. 32,836	Kalson, Seth	Reg. No. 40,670	Sayles, Crystal D.	Reg. No. 44,318
Black, David W.	Reg. No. 42,331	Klima-Silberg, Catherine I.	Reg. No. 40,052	Schumm, Sherry W.	Reg. No. 39,422
Bohanek, Robert	Reg. No. 52,627	Kluth, Daniel J.	Reg. No. 32,146	Schwegman, Micheal L.	Reg. No. 25,816
Brake, Edward	Reg. No. 37,784	Lacy, Rodney L.	Reg. No. 41,136	Scott, Russell	Reg. No. 43,103
Brennan, Thomas F.	Reg. No. 35,075	Lam, Peter	Reg. No. 44,855	Seddon, Ken	Reg. No. 43,105
Burge, Ben	Reg. No. 42,372	Lin, Issac	Reg. No. 50,672	Seeley, Mark	Reg. No. 32,299
Chadwick, Robin A.	Reg. No. 36,477	Lundberg, Steven W.	Reg. No. 30,568	Shah, Ami P.	Reg. No. 42,143
Chen, George	Reg. No. 50,807	Maki, Peter C.	Reg. No. 42,832	Simon, David	Reg. No. 32,756
Choi, Glen	Reg. No. 43,546	Malen, Peter L.	Reg. No. 44,894	Skabrat, Steve	Reg. No. 36,279
Clark, Barbara J.	Reg. No. 38,107	Martinez, Anthony	Reg. No. 44,223	Speier, Gary J.	Reg. No. 45,458
Clise, Timothy B.	Reg. No. 40,957	Mates, Robert E.	Reg. No. 35,271	Steffey, Charles E.	Reg. No. 25,179
Cochran, David, R.	Reg. No. 46,632	McCall, Molly	Reg. No. 46,126	Steiner, Paul E.	Reg. No. 41,326
Cool, Kenneth J.	Reg. No. 40,570	McCrackin, Ann M.	Reg. No. 42,858	Stutman-Horn, Joni D.	Reg. No. 42,173
Crawford, Ted A.	Reg. No. 50,610	Mehrle, Joseph P.	Reg. No. 45,535	Tang, Zhengnian	Reg. No. 55,666
Dahl, John M.	Reg. No. 44,639	Mennemeier, Larry	Reg. No. 51,003	Tong, Viet V.	Reg. No. 45,416
DeLizio, Andrew	Reg. No. 52,806	Morris, Nicole N.	Reg. No. 55,467	Tran, David	Reg. No. 50,804
Diehl, Robert	Reg. No. 40,992	Muller, Mark V.	Reg. No. 37,509	Travis, John F.	Reg. No. 43,203
Draeger, Jeffrey S.	Reg. No. 41,000	Nagy, Paul	Reg. No. 37,896	Tweet, Kerry D.	Reg. No. 45,959
Drake, Eduardo E.	Reg. No. 40,594	Nelson, A. James	Reg. No. 28,650	Wawrzyn, Robert	Reg. No. 54,654
Embretson, Janet E.	Reg. No. 39,665	Nesheiwat, Michael J.	Reg. No. 47,819	Wells, Calvin	Reg. No. 43,256
Faatz, Cindy	Reg. No. 39,973	Newtson, Ruth H.	Reg. No. 26,657	Whittington, Stuart	Reg. No. 45,215
Forrest, Bradley A.	Reg. No. 30,837	Nicholls, Dennis A.	Reg. No. 42,036	Willardson, Michael	Reg. No. 50,856
Gagne, Christopher	Reg. No. 36,142	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
Garrett, John R.	Reg. No. 27,888	Obermark, Thomas C.	Reg. No. 55,506	Wisor, Rita	Reg. No. 41,382
·	Reg. No. 36,530	Padys, Danny J.	Reg. No. 35,635	Woessner, Warren D.	Reg. No. 30,440
Gorrie, Gregory J.	•	Padys, Danny J. Parker, Lanny	Reg. No. 44,281	Wong, Sharon	Reg. No. 37,760
Greaves, John N.	Reg. No. 40,362	Parker, Lanny Parker, J. K.	Reg. No. 33,024	Yates, Steven D.	Reg. No. 42,242
Green, Sharmini N.	Reg. No. 41,410		Reg. No. 45,001	rates, steven D.	· 105.110. 42,242
Greenberg, Robert A.	Reg. No. 44,133	Peacock, Gregg A.	Reg. No. 43,001		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402

Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

JF	, , 1		
Full Name of joint inventor	number 1: <u>Lily Pao Looi</u>		
Citizenship:	United States of America	Residence: Portland, OR	
Post Office Address:	15134 NW Mitchell Street		
	Portland, OR 97229		
Signature:		Date:	

Lily Pao Looi

Full Name of joint inventor Citizenship: Post Office Address:			
Signature:	Stanley Steven Kulick	Date:	. <u></u>
S	Stanley Steven Kulick		
Full Name of joint inventor Citizenship: Post Office Address:	number 3: <u>Dean A Mulla</u> United States of America 18690 Westview Drive Saratoga, CA 95070	Residence: Saratoga, CA	
Signature:	Dean A Mulla	Date:	
I	Dean A Mulla		
Full Name of joint inventor Citizenship: Post Office Address:	number 4: Ashish Gupta India 5637 Ora Street San Jose, CA 95129	Residence: San Jose, CA	
Signature:		Date:	
	Ashish Gupta		
Full Name of joint inventor Citizenship: Post Office Address:	number 5: Keith R. Pflederer United States of America 676 Dorothy Avenue San Jose, CA 95125	Residence: San Jose, CA	,
Signature:		Date:	
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Signature:		Date:	
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Attorney Docket No.: 884.A82US1
Serial No. 10/749929
Filing Date: December 29, 2003

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Full Name of joint inventor number 8:

James B. Crossland

Citizenship:
Post Office Address:

Signature:

Signature:

United States of America

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Banks, Oit 571

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Residence: Banks, OR

James B. Crossland

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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 - (2) Each attorney or agent who prepares or prosecutes the application; and
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SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

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I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Aldous, Alam Reg. No. 31,905 Anderson, Robert D. Reg. No. 31,926 Anderson, Robert D. Reg. No. 24,916 Anglin, J. Michael Reg. No. 24,916 Arora, Suncel Reg. No. 42,267 Houston, Bruce E. Reg. No. 57,346 Bacon, Shircen Reg. No. 42,267 Houston, Bruce E. Reg. No. 40,086 Brieren, Michael Reg. No. 40,494 Barre, Michael Reg. No. 40,094 Barre, Michael Reg. No. 40,094 Barre, Michael Reg. No. 40,094 Barre, Michael Reg. No. 50,901 Beekman, Marvim L. Reg. No. 38,377 Jurkovich, Patti J. Reg. No. 43,098 Bianchi, Timothy E. Reg. No. 39,610 Kalis, Janal M. Reg. No. 37,550 Rej. No. 40,670 Sayles, Crystal D. Reg. No. 30,395 Bianchi, Timothy E. Reg. No. 52,627 Klitma-Silberg, Catherine I. Reg. No. 40,052 Bohanek, Robert Reg. No. 53,773 Lary, Rodney L. Reg. No. 40,052 Bornam, Thomas F. Reg. No. 37,784 Reg. No. 37,874 Lary, Rodney L. Reg. No. 44,855 Reg. No. 40,670 Surge, Ben Reg. No. 42,371 Lundberg, Steven W. Reg. No. 30,687 Chadvick, Robin A. Reg. No. 40,672 Reg. No. 50,677 Reg. No. 50,677 Chadvick, Robin A. Reg. No. 40,579 Reg. No. 40,579 Martinez, Anthony Reg. No. 42,283 Reg. No. 42,279 Reg. No. 40,670 Reg. No. 40,670 Surge, Reg. No. 40,670 Reg. No. 40,6						
Anglin, J. Michael Reg. No. 24,916 Arora, Suneel Reg. No. 42,267 Houston, Bruce E. Reg. No. 40,494 Houston, Bruce E. Reg. No. 40,494 Huter, Jeffrey B. Reg. No. 41,086 Peterson, David C. Reg. No. 47,857 Reg. No. 52,800 Peterson, David C. Reg. No. 47,857 Reg. No. 40,498 Huter, Jeffrey B. Reg. No. 40,1086 Reg. No. 40,094 Reg. No. 50,901 Jordan, B. D. Reg. No. 43,608 Reg. No. 40,804 Price, Lucinda G. Reg. No. 42,702 Reg. No. 53,004 Reg. No. 43,004 Price, Lucinda G. Reg. No. 42,702 Reg. No. 43,004 Reg. No. 43,008 Reg. No. 43,608 Reg. No. 44,086 Primer, Michael D. Reg. No. 42,702 Reg. No. 32,018 Reg. No. 30,8377 Jurkovich, Patti J. Reg. No. 44,813 Prout, William F. Reg. No. 33,035 Billion, Richard E. Reg. No. 32,336 Kalson, Seth Reg. No. 40,670 Sayles, Crystal D. Reg. No. 44,318 Black, David W. Reg. No. 42,331 Klima-Silberg, Catherine I. Reg. No. 40,670 Sayles, Crystal D. Reg. No. 44,318 Black, David W. Reg. No. 37,784 Lacy, Rodney L. Reg. No. 30,21,46 Schwegman, Micheal L. Reg. No. 34,018 Brennan, Thomas F. Reg. No. 35,075 Lam, Peter Reg. No. 44,855 Reg. No. 50,627 Kluth, Daniel J. Reg. No. 50,627 Reg. No. 44,818 Reg. No. 44,855 Reg. No. 44,819 Reg. No. 43,034 Reg. No. 43,034 Reg. No. 43,034 Reg. No. 44,855 Reg. No. 42,872 Lin, Issac Reg. No. 50,672 Reg. No. 50,867 Reg. No. 50,867 Reg. No. 50,867 Reg. No. 44,848 Reg. No. 44,243 Speire, Gary J. Reg. No. 36,477 Reg. No. 44,848 Reg. No. 44,243 Speire, Gary J. Reg. No. 36,477 Reg. No. 42,423 Simon, David Reg. No. 36,479 Reg. No. 42,649 Reg. No. 42,649 Reg. No. 42,649 Reg. No. 42,649 Reg. No. 44,649 Reg.	Aldous, Alan	Reg. No. 31,905	Greenwald, Bradley A.	Reg. No. 34,341	Pedersen-Giles, Alan	Reg. No. 39,996
Arora, Suneel Reg. No. 42,267 Houston, Bruce E. Reg. No. 55,280 Peterson, David C. Reg. No. 47,857 Bacon, Shireen Reg. No. 40,494 Huter, Jeffrey B. Reg. No. 41,086 Plimier, Michael D. Reg. No. 43,004 Barre, Michael Reg. No. 44,023 Jackson Huebsch, Katharine A. Reg. No. 43,698 Proket, Michael A. Reg. No. 43,004 Beale, Jay P. Reg. No. 50,901 Jordan, B. D. Jarkovich, Patti J. Reg. No. 43,698 Prokeck, Michael A. Reg. No. 42,270 Beale, Jay P. Reg. No. 38,377 Jurkovich, Patti J. Reg. No. 44,813 Protu, William F. Reg. No. 33,995 Bianchi, Timothy E. Reg. No. 39,610 Kalis, Janal M. Reg. No. 37,650 Refi, Kevin A. Reg. No. 30,391 Bianchi, Timothy E. Reg. No. 32,836 Kalson, Seth Reg. No. 40,670 Sayles, Crystal D. Reg. No. 42,311 Slack, David W. Reg. No. 42,331 Klima-Silberg, Catherine I. Reg. No. 30,610 Klima-Silberg, Catherine I. Reg. No. 40,052 Schumm, Sherry W. Reg. No. 34,342 Bohanck, Robert Reg. No. 52,627 Kluth, Daniel J. Reg. No. 40,052 Schumm, Sherry W. Reg. No. 39,422 Bohanck, Robert Reg. No. 37,784 Lacy, Rodney L. Reg. No. 41,136 Schwegman, Micheal L. Reg. No. 25,816 Burge, Ben Reg. No. 36,755 Lam, Peter Reg. No. 44,855 Seddon, Ken Reg. No. 43,103 Brennan, Thomas F. Reg. No. 36,377 Lundberg, Steven W. Reg. No. 50,672 Seeley, Mark Reg. No. 30,675 Lam, Peter Reg. No. 50,672 Seeley, Mark Reg. No. 32,299 Chadwick, Robin A. Reg. No. 30,6477 Lundberg, Steven W. Reg. No. 30,568 Shah, Amir P. Reg. No. 42,143 Choi, Glen Reg. No. 43,103 Marki, Peter C. Reg. No. 44,834 Skabrat, Steve Reg. No. 30,756 Choi, Glen Reg. No. 43,546 Malen, Peter L. Reg. No. 44,233 Simon, David Reg. No. 32,756 Choi, Glen Reg. No. 45,957 Marki, Peter L. Reg. No. 44,233 Spicer, Gary J. Reg. No. 42,641 Reg. No. 45,658 Malen, Peter L. Reg. No. 44,233 Spicer, Gary J. Reg. No. 43,646 Malen, Peter L. Reg. No. 44,535 Serier, Paul E. Reg. No. 43,104 Reg. No. 40,570 McCrackin, Ann M. Reg. No. 46,632 McCall, Molly Reg. No. 46,535 Serier, Janu Be. Reg. No. 40,597 McCrackin, Ann M. Reg. No. 46,639 Mennemeier, Larry Reg. No. 45,535 Tan, David Reg. No. 49,999 McC	Anderson, Robert D.	Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	Perdok Shonka, Monique M.	Reg. No. 42,989
Arona, Suneel Reg. No. 42,267 Houston, Bruce E. Reg. No. 55,280 Peterson, David C. Reg. No. 47,857 Bacon, Shireen Reg. No. 40,494 Huter, Leffrey B. Reg. No. 41,086 Plimier, Michael D. Reg. No. 43,004 Barre, Michael Reg. No. 40,091 Jordan, B. D. Jordan, B	Anglin, J. Michael	Reg. No. 24,916	Hope, Libby	Reg. No. 46,774	Peret, Andrew R.	Reg. No. 41,246
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I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402

Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor Citizenship: Post Office Address:	number 1: <u>Lily Pao Looi</u> United States of America 15134 NW Mitchell Street Portland, OR 97229	Residence: Portland, OR	
Signature:		Date:	

Lily Pao Looi

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Signature: Sta	anley Steven Kulick	Date:	
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J	ames B. Crossland	
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§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.